7 mg



Page 1

Insp.

Stamp

Wednesday, May 19, 2010 1:03:06 PM D3639-1 Item ID: Accept Setup Start **Revision ID:** Stop Item Name: Doubler **Start Date:** 5/19/2010 Start Qty: 8.00 **Cust Item ID: Required Date: 5/26/2010 Customer:** Reference: Start Run Date: 15-19 Tooling: Process Plan: Approvals: Date: Stop Date: QC: SPC (Y/N): Date: Sequence ID/ Operation Set Up/ Reject Draw Draw Plan Accept Reject **Work Center ID Description Run Hours** Number Rev. Code **Qty Qty** Number Draw Nbr **Revision Nbr** D3639 Rev A 100 0.00 FLOW WATER JET B10-6-1 Waterjet 0.00 Memo FLOW CNC Waterjet 1-Cut as per Dwg D3639 □Dwg Rev: □Prog Rev: 020 . Y60G Deburr if necessary 110 QC2- Inspect parts off machine FAI/FAIB 0.00 PB10-6-1 0.00 Memo Quality Control

120

Memo

'QC8- Inspect parts - second check

2 0666/02

(le)

P6 >

Quality Control

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0.00

		 						
W/O:			V	WORK ORDER CHANGI	ES			· · · · · · · · · · · · · · · · · · ·
DATE	STEP	PROC	EDURE CI	HANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	:_03	635-1 PAR #:	_ Fault Ca	ntegory: frodery carel	NCR: Yes	o DQA:	Date: <u>_ </u>	00600
		esolution: Scrup			11		10/06/03	
NCR: SE	७ २७	W	ORK OR	DER NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC		Corrective Action Section	on B	Verification	Approval	Approval
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
ıdala	拉 170	Found aby + 6 pands with tabs cut inspire the 0.098" hills. R.C. Leadinford on outsix of hills.	Josun	- Scrapt Destry abyx6 Ano Replac m_112291 +3		Subblus	prime	المامام
		Program error, Preasure from Mari	psiun	-Fix Program	Jud . 50. 60	Solopha	Posions	10 60 60

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Wednesday, May 19, 2010 1:03:06 PM



Page 2

Item ID:

D3639-1

Accept

Setup Start

Stop



Revision ID:

Item Name: **Start Date:**

Doubler 5/19/2010

Start Qty: 8.00

Req'd Qty: 8.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



Required Date: 5/26/2010

Date:

SPC (Y/N):

0.00

0.00

Date:

Sequence ID/ Work Center ID

130

Brake NC

Brake NC

Operation Description

NC BRAKE

Memo

Form as per Dwg D3639

Set Up/ Run Hours Draw Number

Sp lobelor

Draw Plan Code Rev.

Accept Qty

Reject Qty

Reject Insp. Number Stamp

140



Quality Control

QC5- Inspect part completeness to step on W/O

0.00

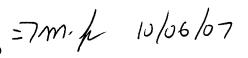
150



HandFinish

Hand Finishing

Chemical Conversion Coat per QSI005 4.1





Memo

Memo

Dart Aerospace L	_ta
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W/O:			ES					
DATE	STEP	PROC	EDURE CH	IANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	- Article							
Part No	:	PAR #:	_ Fault Ca	tegory:	NCR: Yes	No DQA :	Date: _	
	R	esolution:	_ Disposit	ion:	QA: N/C Cld	sed:	Date: _	
NCR:		W	ORK OR	DER NON-CONFORMA	NCE (NCR)		
DATE	STEP	Description of NC	Initial	Corrective Action Section		Verification	Approval	Approval
		Section A	Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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Work Order ID 58828

Wednesday, May 19, 2010 1:03:06 PM



Page 3

Item ID:

D3639-1

Doubler

Item Name: Start Date:

Revision ID:

5/19/2010

Start Qty: 8.00

Accept



Setup Start

Stop



Required Date: 5/26/2010

Reg'd Oty: 8.00

Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

QC:

Date: Tooling:

Date:

SPC (Y/N):

Date: Date:

Draw

Rev.

Run Start

Stop



Sequence ID/ Work Center ID

160

Quality Control

Operation Description

QC3- Inspect Part Finish

Memo

Set Up/ **Run Hours**

0.00

M 10/06/07 RG 9

Draw

Number

Plan Accept Code Qty

Reject **Qty**

Reject Insp. Number Stamp

170

Packaging

Packaging

Identify as per dwg & Stock Location: 57244A

Memo

0.00

180

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

10/06/09 Hg) Mro-le-08

Dart Aerospace Ltd

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W/O:			WC	ORK ORDER CHANG	ES			
DATE	STEP	PR	OCEDURE CHA	NGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DQA :	Date: _	
		solution:						
NCR:			WORK ORDI	ER NON-CONFORM	ANCE (NCR)		
DATE	STEP	Description of NC			ion B	Verification	Approval	Approval
DAIL	JILF	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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Picklist Print

Wednesday, May 19, 2010 1:03:11 PM

Work Order ID: 58828

Parent Item:

D3639-1

Parent Item Name: Doubler

Comments: IPP Rev:A New Issue 07-07-20 JLM

Verified By:EC

Start Date: 5/19/2010

Required Date: 5/26/2010

Page 1

Start Qty: 8.00

Required Qty: 8.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Qty Issued	Date Issued	Status
M2024T3S.050	(1)) (1) (8 (1 0)); (4) (1) (1))(1 0)	Purchased	No			100	sf	33.9947	0.239	9.5		
2024-T3 050 sheet										R 10	2-6-1	

2024-T3 .050 sheet

Location	Loc Qty	Loc Code		\mathcal{T}_{Σ}
MAT22	33.9947			19
111381	30.9			Ü
112291	2.7		112291	
113189	0.3947		+++++++++++++++++++++++++++++++++++++++	

Dart Aerospace Ltd

W/O:			wc	RK ORDER CHANGE	: S				
DATE	STEP	PRO	OCEDURE CHA		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	•	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	J
	Re	esolution:	Disposition	n:	QA: N/C CI	osed:		Date: _	
NCR:			WORK ORDI	R NON-CONFORMA	NCE (NCR)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	n B Sign & Date	Verific Secti	cation on C	Approval Chief Eng	Approval QC Inspector
<u> </u>			Office Ling	Official Eng	Date			·	
							_		
			:						

DART AEROSPACE LTD	Work Order:	58828
Description: Doubler	Part Number:	D3639-1
Inspection Dwg: D3639 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article		Prototype
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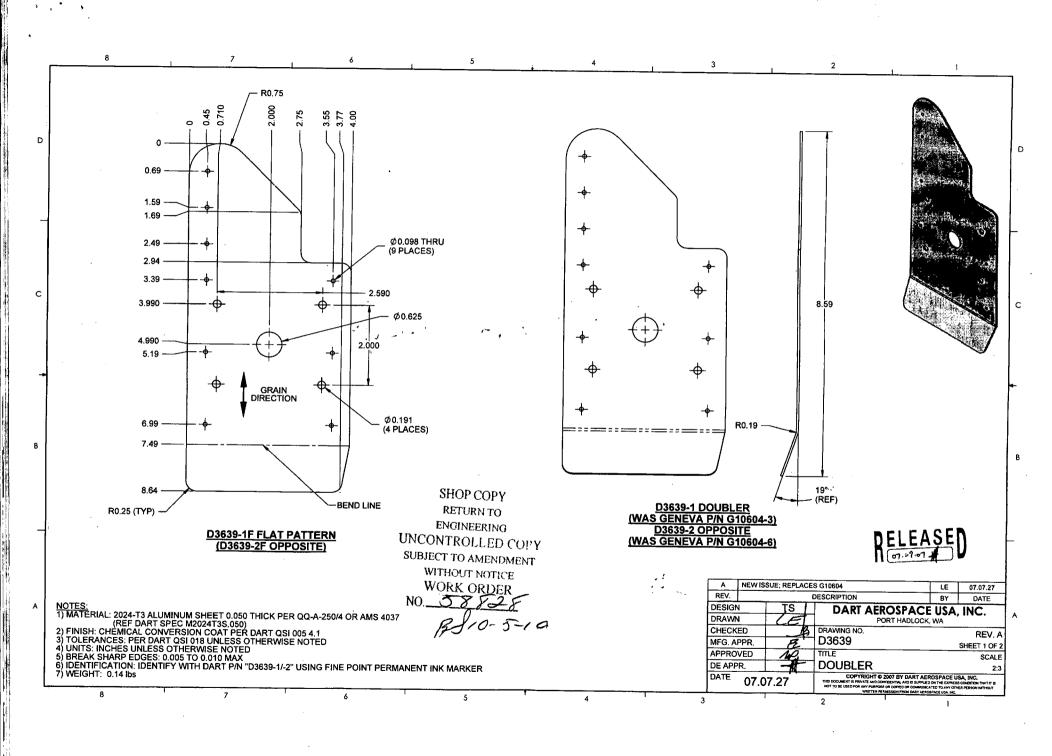
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.625	+0.008/-0.001	,635	×			
Ø0.191	+0.005/-0.001	192	yc.			
Ø0.098	+0.004/-0.001	्जव	×			
0.69	+/-0.030	.687	4			
1.59	+/-0.030	1.592	A.			
2.49	+/-0.030	2,493	¥	-		
3.39	+/-0.030	3.389	×			· · · · · · · · · · · · · · · · · · ·
3.990	+/-0.010	3.990	N/o			
4.990	+/-0.010	4940	*			
5.19	+/-0.030	5.192	¥			
6.99	+/-0.030	6.493	*			
8.64	+/-0.030	8.646	y			
0.45	+/-0.030	,453	¥			
0.710	+/-0.010	:705	*			771
2.000	+/-0.010	೨.∞೦	x			· · · · · · · · · · · · · · · · · · ·
2.75	+/-0.030	2.749	¥			
3.55	+/-0.030	3,549	يح			
4.00	+/-0.030	4.603				
2.000	+/-0.010	£200.6	+			
2.590	+/-0.010	2.589	يد			
			-			

Measured by:	rB.	Audited by:	Prototype Approval:	N/A
Date:	10-6-1	Date:	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.10.19	New Issue	KJ/EC/DD ox	13/
				

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHA	NGE	Ву	By Date Qty Approval Chief Eng / Prod Mgr						
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				Office Eng	Date				·			
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W/O:		WORK ORDER CHANGES												
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Part No:		PAR #:	Fault Cate	gory:	_ NCR: Yes	No DQA: Date:								
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DATE	CTED	Description of NC		ion B	Verific	ation	1 Approval	Approval						
	STEP	Section A	Initial Action Descripti Chief Eng Chief Eng		Sign & Date			Chief Eng	QC Inspector					
		·												
	ļ.													

R0.25 00 (4 PLACES) 0.45 1.350 2.25 GRAIN DIRECTION 4.05 4.95 Ø0.098 THRU (TYP) 5.85 -6.75 13.90 7.65 -8.55 -Ø 0.625 9.350 9.45 10.350 -2.000 11.25 2.590 12.15 WO58828 Ø0.191 R0.19 12.85 (4 PLACES) 13.86 -13.96 19° BEND LINE R0.03 (REF) (4 PLACES) 2.100 D3639-3 DOUBLER 8. 3.30 (WAS GENEVA P/N G10604-4) D3639-4 OPPOSITE (WAS GENEVA P/N G10604-5) **D3639-3F FLAT PATTERN** (D3639-4F OPPOSITE) NOTES:
1) MATERIAL: 2024-T3 ALUMINUM SHEET 0.050 THICK PER QQ-A-250/4 OR AMS 4037
(REF DART SPEC M2024T3S.050)
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3639-3/-4" USING FINE POINT PERMANENT INK MARKER
7) WEIGHT: 0.3 lbs DESIGN DART AEROSPACE USA, INC. DRAWN PORT HADLOCK, WA CHECKED DRAWING NO. REV. A D3639 MFG, APPR SHEET 2 OF 2 APPROVED TITLE SCALE DE APPR **DOUBLER** DATE COPYRIGHT © 2007 BY DART AEROSPACE USA, INC.
THIS DOCUMENT IS PRIVATE AND COMPIDENTIAL AND IS SUPPLED ON THE EXPRESS CONDITION
NOT TO BE USED FOR ANY PURPOSE OR COPYED OR COMMUNICATED TO ANY CITYPE PRESCNI 07.07.27

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W/O:		WORK ORDER CHANGES											
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Part No		PAR #:											
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DATE	STEP	Description of NC Section A	Corrective Action Initial Action Descript Chief Eng Chief Eng		Section B n Sign & Date		Verification Section C		Approval Chief Eng	Approval QC Inspector			
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